

PCT REQUEST

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H00046919PCT

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.01.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	H00046919PCT
I	Title of invention	COATING COMPOSITIONS FOR SOLDER SPHERES, POWDERS AND PREFORMS, METHODS OF PRODUCTION AND USES THEREOF
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	HONEYWELL INTERNATIONAL INC
II-5	Address:	101 Columbia Road Morristown, NJ 07962 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	973-455-2000
II-9	Facsimile No.	973-455-4807
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	FLINT, James
III-1-5	Address:	18112 E. Elliott Rd. Mead, WA 99021 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name	BINGHAM MCCUTCHEN LLP
IV-1-2	Address:	Three Embarcadero Center San Francisco, CA 94111-4067 United States of America
IV-1-3	Telephone No.	714-830-0600
IV-1-4	Facsimile No.	714-830-0700
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	THOMPSON, Sandra(46264)
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ (patent and utility model) DE (patent and utility model) DK (patent and utility model) DM DZ EC EE (patent and utility model) ES FI (patent and utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (patent and utility model) SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

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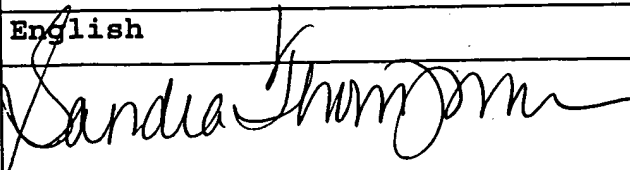
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V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	18 November 2002 (18.11.2002)
VI-1-2	Number	60/427,597
VI-1-3	Country	US
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-
IX	Check list	number of sheets
IX-1	Request (including declaration sheets)	4
IX-2	Description	22
IX-3	Claims	7
IX-4	Abstract	1
IX-5	Drawings	0
IX-7	TOTAL	34
		electronic file(s) attached
		EZABST00.TXT

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	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	THOMPSON, Sandra	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

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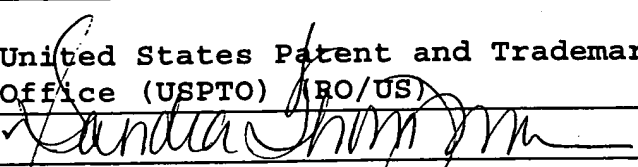
11-1	Date of receipt of the record copy by the International Bureau	
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PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only	
0-1	International Application No.	
0-2	Date stamp of the receiving Office	
0-4	Form - PCT/RO/101 (Annex) PCT Fee Calculation Sheet Prepared using	PCT-EASY Version 2.92 (updated 01.01.2003)
0-9	Applicant's or agent's file reference	H00046919PCT
2	Applicant	HONEYWELL INTERNATIONAL INC, et al.
12	Calculation of prescribed fees	fee amount/multiplier Total amounts (USD)
12-1	Transmittal fee T	⇒ 240
12-2-1	Search fee S	⇒ 700
12-2-2	International search to be carried out by	US
12-3	International fee	
	Basic fee	
	(first 30 sheets) b1	407
12-4	Remaining sheets	4
12-5	Additional amount (X)	9
12-6	Total additional amount b2	36
12-7	b1 + b2 = B	443
12-8	Designation fees	
	Number of designations contained in international application	95
12-9	Number of designation fees payable (maximum 5)	5
12-10	Amount of designation fee (X)	88
12-11	Total designation fees D	440
12-12	PCT-EASY fee reduction R	-125
12-13	Total International fee (B+D-R) I	⇒ 758
12-14	Fee for priority document	
	Number of priority documents requested	1
12-15	Fee per document (X)	20
12-16	Total priority document fee P	⇒ 20
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒ 1,718
12-19	Mode of payment	authorization to charge deposit account
12-20	Deposit account instructions	
	The receiving Office:	United States Patent and Trademark Office (USPTO) (RO/US)
12-20-1	Authorization to charge the total fees indicated above.	

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12-20-2	Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	✓ <i>Sandra Thompson</i>
12-20-3	Authorization to charge the fee for priority document.	✓ <i>Sandra Thompson</i>
12-21	Deposit account No.	502518
12-22	Date	13 November 2003 (13.11.2003)
12-23	Name and signature	THOMPSON, Sandra <i>Sandra Thompson</i>

VALIDATION LOG AND REMARKS

13-2-1	Validation messages Request	Green? The title of the invention shall be short and precise. Please verify.
13-2-7	Validation messages Contents	Yellow! The power of attorney or a copy of the general power of attorney will need to be furnished unless all applicants sign the request form.
		Green? The international application contains no drawings. Please verify.
13-2-8	Validation messages Fees	Green? Please confirm that fee schedule utilized is the latest available
13-2-9	Validation messages Payment	Green? Please ensure that you have a valid deposit account with the receiving Office selected.

ABSTRACT

A solder material has been produced and is described herein that comprises a conventional solder component, such as a solder sphere, solder ball, solder powder, solder preform, solder wire, or other suitable material or form of solder or a combination thereof and a coating composition. Solder parts and/or solder materials described herein may be produced by a) providing a solder component, b) providing a coating precursor material, c) providing a solvent, d) blending the coating precursor material and the solvent, such that the coating precursor material is substantially solvated, to form a coating composition, and e) applying or coupling the coating composition to the solder component.

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